

1258-1355

5/13/2014

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Antimicrobials Division (7510P)  
 1200 Pennsylvania Avenue NW  
 Washington, D.C. 20460

EPA Reg. Number:

1258-1355

Date of Issuance:

MAY 13 2014

Term of Issuance:

**Unconditional**

Name of Pesticide Product:

AW 90 (RPL)

**NOTICE OF PESTICIDE:**

- Registration
  - Reregistration
- (under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Leigh Ann Richardson  
 Arch Chemical, Inc.  
 1200 Bluegrass Lakes Parkway  
 Alpharetta, GA 30004

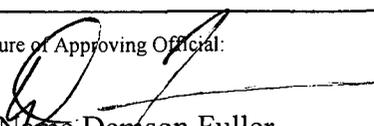
**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

The application referred to above, submitted under the Federal Insecticide, Fungicide and Rodenticide Act, as amended is acceptable under FIFRA sec. 3(c)(5), provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. A one year study is required to satisfy the storage and stability and corrosion characteristics requirements (Guidelines 830.6317 and 830.6320). You have 18 months from the date of registration to provide these data.

Signature of Approving Official:

  
 PM Name Demson Fuller  
 Product Manager Team 32  
 Regulatory Management Branch  
 Antimicrobials Division (7510P)

Date:

MAY 13 2014

Note to reviewer:

[All text in brackets [AAA] is optional and may/may not be included on all end-use labels]

{All text in braces {AAA} is for information purposes and will not appear on final label}

# AW90 (RPL)

Active Ingredient: Calcium Hypochlorite .....	59.5%
Other Ingredients .....	40.5%
Total .....	100.0%

[Minimum Available Chlorine ..... 58%]

**KEEP OUT OF REACH OF CHILDREN**  
**[MANTÉGASE FUERA DEL ALCANCE DE LOS NIÑOS]**

## DANGER [PELIGRO]

Contamination or improper use may cause intense fire, explosion, or the release of toxic gases. Do not allow product to contact any foreign matter, including other water treatment products. If product is exposed to small amounts of water, it can react violently to produce heat and toxic gases and spatter. Do not mix this product with a small amount of water. Only add directly to your pool. Do not add water to this product. Add only into water. Highly corrosive. Causes skin and eye damage. May be fatal if swallowed.

{Note to reviewer: Although this product has a "Danger" signal word, as per the EPA label review manual "The Agency may permit reasonable variations in the placement of the First Aid statement as long as the reference statement, "See First Aid (or Statement of Practical Treatment) on (identify appropriate panel)" appears on the front panel." If the First Aid Statements are placed on the front panel of the final graphic label, the statement below will only reference Precautionary statements.}

Read all Precautionary [and First Aid] Statements on [back] [side] [right] [left] panel before use.

EPA Reg. No. 1258-xxxx  
[Superscript Used in Lot Number]  
EPA EST. NO. XXXX-YY-ZZZ

Net Wt. xxx

Sold by:  
Arch Chemicals, Inc.  
P.O. Box 724438  
Atlanta, GA 31139-3547

**ACCEPTED**  
MAY 13 2014  
Under the Federal Insecticide, Fungicide, and  
Rodenticide Act as amended, for the  
pesticide, registered under  
EPA Reg. No. 1258-1355

# E-SUBMISSION

Note to reviewer:

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## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER: Highly corrosive. Causes skin and eye damage. May be fatal if swallowed. Irritating to nose and throat.**

- Open in a well-ventilated area. Avoid breathing dust and fumes.
- Do not get in eyes, on skin, or on clothing. Do not handle with bare hands. Wear protective eyewear and rubber gloves when handling this product. For additional skin protection, wear long sleeves and long pants.
- Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove and wash contaminated clothing before reuse.
- [Only use utensils that are thoroughly clean and dry.] {For use with resealable packaging.}

### FIRST AID:

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

**IN CASE OF EMERGENCY CALL: 1-800-654-6911**

### PHYSICAL AND CHEMICAL HAZARDS:

**If product is exposed to small amounts of water, it can react violently to produce heat and toxic gases and spatter. Do not add water to this product. Do not mix this product with a small amount of water. Only add this product directly to your pool water.**

- Do not allow to become wet or damp before use.

**Can react with other materials, including other water treatment products, to cause intense fire, explosion, and the release of toxic gases.**

- Keep all foreign matter, including other water treatment products, away from this product.
- Do not use this product in a floater or feeder that has been used with any other product.
- Do not allow this product to contact other water treatment products.

**Exposure to heat can cause this product to rapidly decompose, leading to intense fire, explosion, and the release of toxic gases.**

- Store in a cool, dry, well-ventilated area.

**Strong oxidizing agent. This product can increase fire intensity. Keep away from heat and from flame and burning material (like a lighted cigarette).**

Note to reviewer:

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### ENVIRONMENTAL HAZARDS:

This product is toxic to fish and aquatic organisms.

{Note to reviewer: Additional Environmental Hazards statements for end-use products in containers  $\geq 50$  pound (solid, dry weight):

Do not discharge effluent containing this product into lakes, ponds, streams, estuaries, oceans or public waters unless in accordance with the requirements of National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

{Optional}

[In case of emergency call: 1-800-654-6911]



[Made in the USA]

## Made in USA



[Visit [brand]: *(insert website here)*]

Note to reviewer:

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**{OPTIONAL MARKETING CLAIMS}**

[Kills bacteria, destroys organic contaminants and controls algae]

[Effective shock and oxidizer]

[Concentrated granular chlorinator]

{Customer-Specific Claims:}

{Alternative 3 Step Program}

3-STEP POOL TREATMENT PROGRAM			
1. SANITIZE		X	3. ALGAE PREVENTION

{Alternative three step program marketing statements available to all labels. Steps 1, 2, and 3 will only be available to their respective product type/ approved use. We have included all statements here for clarity purposes.}

[STEP 1] [SANITIZE][Use a registered sanitizer according to its labeling.]

[STEP 2] [SHOCK-OXIDIZE] [Use [Product Name] registered shock or [Product Name] oxidizer according to its labeling.]

[STEP 3] [ALGAE PREVENTION]

[ALGAECIDES]

[Algaecides add an extra layer of pool protection, while creating a more pleasant swimming environment. [This product] algaecides safeguard your pool, preventing all types of algae.]

[BALANCE][BALANCERS] [Properly balanced water prevents corrosion and staining. It will also optimize the performance of your sanitizer. Using [Product Name] balancers, as needed, simplifies the balancing act to help achieve properly balanced water.]

[SUPPLEMENT] [SUPPLEMENTS]

[Prevent specific water problems with [Product Name] supplements. The perfect complement to your pool care regimen, [Product Name] offers a variety of cleaners, clarifiers and stain removers.]

Note to reviewer:

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#### DIRECTIONS FOR USE:

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

#### READ ALL PRECAUTIONARY STATEMENTS BEFORE USE.

[This product is a concentrated chlorinating agent.] [It is in a dry, free-flowing form.] [It kills bacteria, controls algae and destroys organic contaminants in pools.]

#### {SWIMMING POOLS :}

**[WHY YOU SHOULD USE THIS PRODUCT:** This is an effective [shock] [and] [sanitizer] product that [destroys bacteria and algae.] [It is convenient, easy to use, and won't over-stabilize your pool.]

#### WATER BALANCE:

[To provide optimum product performance, swimmer comfort and crystal clear water always maintain pH from 7.2 to 7.6, total alkalinity from 80 to 120 parts per million (ppm), and calcium hardness above 200 ppm. Test frequently using a [brand] test kit or test strips that measures all these ranges.

Make any necessary adjustments promptly with the appropriate [brand] pool care products. Reentry into treated pools is prohibited with chlorine levels above 4 ppm due to risk of bodily injury.]

{or}

[Adjust and maintain pool water pH from 7.2 to 7.6, total alkalinity from 80 to 120 parts per million (ppm) and calcium hardness above 200 ppm. Test frequently using a [n] [brand] [test kit] [or] [test strips] that measure[s] all of the above ranges. [Bring a pool water sample to your [brand] dealer frequently to test for water balance.]

Maintain free available chlorine between 1 - 4 ppm ]

{or}

[Adjust and maintain pool water to recommended ranges:

	Acceptable Range for Balance
pH	7.2-7.6
Total Alkalinity	80-120 ppm
Calcium Hardness	Above 200 ppm
Available Chlorine	1-4 ppm

]

#### {Sanitizer Directions}

**HOW TO USE:** [Do not pre-mix this product before adding it to your pool]. [Only add this product directly to your pool.]

**{When contents are in a resealable container:}** [Use only a clean, dry [scoop] lid to measure this product]. [Do not use the [scoop] [lid] for any other purpose.] **{When contents are in a single use bag for use:}** [Use entire contents when opened]. Add the recommended dosage of this product during evening hours while the filter pump is running. When adding this product to your pool, broadcast the product evenly over a wide area in the deepest part of the pool. If any granules settle to the bottom of the pool, use brush to disperse.

**[ROUTINE CHLORINATION:** For best results, see "WATER BALANCE" section before treatment. Throughout the pool season, adjust and maintain pH at 7.2-7.6. [Check available chlorine with [a suitable [brand] test kit] [reliable test strips].] [Allow the pH adjusters to dissolve and disperse before adding this product to the pool.]

[Add [2.0 - 8.0 ounces of this product per 10,000 gallons] {or} [1.0 - 4.0 ounces of this product per 5,000 gallons] {or} [0.1 - 0.4 ounces per 500 gallons] of pool water daily or as often as needed to maintain the free available chlorine residual at 4 ppm. Follow "HOW TO USE" directions on this package.]

AW90 (RPL)

EPA Reg. No. 1258-XXXX

Proposed Label 2013-12-16

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[Follow "HOW TO USE" directions to maintain chlorine residual in [a 5,000 -10,000 gallon] pool.]

{charts are optional in whole or part based upon gallons for treatment}

[Follow the following dosage recommendations based upon pool size:

Desired Chlorine Residual	Dosage for pool
1-4 ppm	0.1 – 0.4 ounces per 500 gallons
1-4 ppm	0.2 – 0.8 ounces per 1,000 gallons
1-4 ppm	1.0 – 4.0 ounces per 5,000 gallons
1-4 ppm	2.0 – 8.0 ounces per 10,000 gallons

[Dosage for Pools: Follow the following dosage recommendations based upon pool size.

Desired Chlorine level (ppm))	500 Gallons	1,000 Gallons	2,500 Gallons	5,000 Gallons	7,500 Gallons	10,000 Gallons
1	0.1 oz.	0.2 oz.	0.5 oz.	1.0 oz.	1.5 oz.	2.0 oz.
2	0.2 oz.	0.4 oz.	1.0 oz.	2.0 oz.	3.0 oz.	4.0 oz.
3	0.3 oz.	0.6 oz.	1.5 oz.	3.0 oz.	4.5 oz.	6.0 oz.
4	0.4 oz.	0.8 oz.	2.0 oz.	4.0 oz.	6.0 oz.	8.0 oz.

### **{Shock Directions}**

#### **POOL SHOCK TREATMENT:**

**{WHY YOU SHOULD USE THIS PRODUCT:** This is an effective, shock product that works quickly to destroy bacteria and algae in pool water.

Add the recommended dosages of this product while the filter pump is running. Adjust and maintain pH to 7.2 to 7.6 [with [brand and or product name] [pH adjusters]]. Follow label directions. Allow the pH adjusters to dissolve and disperse before adding this product to the pool. When adding this product to your pool, broadcast this product evenly over a wide area of the deepest part of the pool. If any granules settle to the bottom of the pool, use brush to disperse.

AW90 (RPL)

EPA Reg. No. 1258-XXXX

Proposed Label 2013-12-16

Note to reviewer:

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#### DOSAGE RATE:

{For all packaging except one time dose single use bags}

**[SHOCK TREATMENT / SUPER CHLORINATION:** For best results, see "WATER BALANCE" and "HOW TO USE" sections before treatment. Add 1 lb. of this product per 12,500 gallons of water [to yield 6 ppm available chlorine]. Shock-treatments are recommended weekly, or as necessary to prevent pool problems. Re-entry into treated pools is prohibited above levels of 4 ppm due to risk of bodily injury.

{End of section -For all packaging except one time single use bags}

{For one time dose single use bags, use the following verbiage:}

{6 ounce bag:} **[SHOCK TREATMENT / SUPER CHLORINATION:** For best results, see "WATER BALANCE" and "HOW TO USE" sections before treatment. Every 7 days, or as necessary to prevent pool problems, shock treat / super chlorinate the pool by adding 6 ounces (one bag) per 5,000 gallons of water to yield 5 ppm available chlorine by weight. Re-entry into treated pools is prohibited above levels of 4 ppm due to risk of bodily injury. Use entire contents of bag when opened.]

{End of 6 ounce bag}

{8 ounce bag:} **[SHOCK TREATMENT / SUPER CHLORINATION:** For best results, see "WATER BALANCE" and "HOW TO USE" sections before treatment. Every 7 days, or as necessary to prevent pool problems, shock treat / super chlorinate the pool by adding 8 ounces (one bag) per 5,000 gallons of water to yield 7 ppm available chlorine by weight. Re-entry into treated pools is prohibited above levels of 4 ppm due to risk of bodily injury. Use entire contents of bag when opened.]

{End of 8 ounce bag}

{9 ounce bag:} **[SHOCK TREATMENT / SUPER CHLORINATION:** For best results, see "WATER BALANCE" and "HOW TO USE" sections before treatment. Every 7 days, or as necessary to prevent pool problems, shock treat / super chlorinate the pool by adding 9 ounces (one bag) per 5,000 gallons of water to yield 8 ppm available chlorine by weight. Re-entry into treated pools is prohibited above levels of 4 ppm due to risk of bodily injury. Use entire contents of bag when opened.]

{End of 9 ounce bag}

{11 ounce bag:} **[SHOCK TREATMENT / SUPER CHLORINATION:** For best results, see "WATER BALANCE" and "HOW TO USE" sections before treatment. Every 7 days, or as necessary to prevent pool problems, shock treat / super chlorinate the pool by adding 11 ounces (one bag) per 5,000 gallons of water to yield 10 ppm available chlorine by weight. Re-entry into treated pools is prohibited above levels of 4 ppm due to risk of bodily injury. Use entire contents of bag when opened.]

{End of 11 ounce bag}

{16 ounce bag:} **[SHOCK TREATMENT / SUPER CHLORINATION:** For best results, see "WATER BALANCE" and "HOW TO USE" sections before treatment. Every 7 days, or as necessary to prevent pool problems, shock treat / super chlorinate the pool by adding a 1lb. bag of [brand] [product name] per 10,000 gallons of water to yield 7 ppm available chlorine by weight. To effectively provide a shock treatment to your pool, a chlorine level of 5-10 ppm should be achieved. Re-entry into treated pools is prohibited above levels of 4 ppm due to risk of bodily injury. Use entire contents of bag when opened.]

{End of 16 ounce bag}

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{charts are optional in whole or part based upon gallons for treatment}

[Follow the following dosage recommendations based upon pool size.

Pouch Volume (oz.)	Number of Pouches				Desired PPM of Chlorine
	5,000 Gallons	10,000 Gallons	15,000 Gallons	20,000 Gallons	
6	1	2	3	4	5
8	1	2	3	4	7
9	1	2	3	4	8
11	1	2	3	4	10
16	Do not use	1	1	2	10

[Note: 6-12 oz. to 5,000 gallons of pool water will deliver 5-10 ppm free chlorine for a stabilized pool.]

Gallons to Treat	PPM of Chlorine Delivered	
	1 lb. (16 oz.)	2 x 1 lb. bags (32 oz.)
7,500	10 ppm	Will exceed 10 ppm
10,000	7 ppm	Will exceed 10 ppm
12,500	6 ppm	Will exceed 10 ppm
15,000	5 ppm	8 ppm
20,000	4 ppm	6 ppm

{For pools 5,000 gallons and larger}

**[ALGAE CONTROL:** 1. Follow "POOL SHOCK TREATMENT" directions on this label. 2. Add this product as close as possible to any algae on the sides or bottom of the pool. 3. Do not enter pool until the free available chlorine residual is 1-4 ppm. [Re-entry into treated pools is prohibited above levels of 4 ppm for risk of bodily injury.] 4. If necessary, repeat the treatment. 5. To prevent possible staining or bleaching, take the following steps immediately after treatment: Thoroughly clean pool by brushing surface of algae growth, vacuum and cycle through filter. For preventative algae control, use your preferred [brand] algacide product regularly. **Follow label directions on [the algacide] [or] [that product.]**

{Labels of resealable containers used to treat pools 10,000 gallons and larger}

**[WINTERIZING:** For best results, see "WATER BALANCE" section before treatment. While the water is still clear and clean, prepare for long periods of disuse by gradually adding 36 ounces of this product per 10,000 gallons of pool water that is clear and clean. This provides 15 ppm free available chlorine. Follow "HOW TO USE" directions on this package. Run the filter pump until granules are completely dissolved. Cover the pool with a [plastic] pool cover. Prepare the heater, pump and filter components for winterizing by following manufacturer's directions.]

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[TO DETERMINE YOUR POOL CAPACITY IN U.S. GALLONS, USE THE APPROPRIATE FORMULA BELOW:

POOL SHAPE FORMULA (Use measurements in feet only)

RECTANGULAR - Length x Width x Average Depth x 7.5 = Total Gallons.

ROUND - Diameter x Diameter x Average Depth x 5.9 = Total Gallons.

OVAL - Maximum Length x Maximum Width x Average Depth x 5.9 = Total Gallons.

FREE FORM - Surface Area (Sq. Feet) x Average Depth x 7.5 = Total Gallons]

{or}

[

TO DETERMINE POOL CAPACITY IN U.S. GALLONS	
Use appropriate formula below	
POOL SHAPE	FORMULA (Use measurement in feet)
Rectangular:	Length x width x average depth x 7.5 = total gallons
Round:	Diameter x diameter x average depth x 5.9 = total gallons
Oval:	Maximum length x maximum width x average depth x 5.9 = total gallons
Freeform:	Surface area (sq. feet) x average depth x 7.5 = total gallons

]

Note to reviewer:

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## STORAGE & DISPOSAL:

Do not contaminate food or feed by storage or disposal or cleaning of equipment

*{Nonrefillable container - household/residential use}*

Keep this product dry in its tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame. Nonrefillable container. Do not reuse or refill this container. Rinse empty container thoroughly with water to dissolve all material prior to disposal. Offer for recycling if available. FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE "EMERGENCY HANDLING."

*{Refillable container - household/residential use}*

Keep this product dry in its tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame. Refillable container. Refill this container with calcium hypochlorite only. Do not use this container for any other purpose. Rinse empty container thoroughly with water to dissolve all material prior to disposal. FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE "EMERGENCY HANDLING."

*{Nonrefillable container - non-household/residential use}*

Pesticide Storage: Keep this product dry in its tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame.

Container Handling and Disposal: Nonrefillable container. Do not reuse this container. Offer for recycling if available. Rinse empty container thoroughly with water to dissolve all material prior to disposal. FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE "EMERGENCY HANDLING."

*{Refillable container - non-household/residential use}*

Pesticide Storage: Keep this product dry in its tightly closed container when not in use. Store in a cool, dry, well-ventilated area. Keep away from heat or open flame.

Container Handling and Disposal: Refillable container. Refill this container with calcium hypochlorite only. Do not use this container for any other purpose. Cleaning of this container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, fill the container about 10 percent full with water. Agitate vigorously or recirculate with the pump for 2 minutes. Follow pesticide disposal instructions for rinsate disposal. Repeat procedure two more times. Offer rigid container for recycling if available or reconditioning if appropriate or place in trash. FOR DISPOSAL OF A CONTAMINATED OR DECOMPOSING PRODUCT SEE "EMERGENCY HANDLING."

**EMERGENCY HANDLING:** In case of contamination or decomposition - Do not reseal container. Immediately remove container to an open and well-ventilated outdoor area by itself. Flood with large amounts of water. Dispose of the container and any remaining contaminated material in an approved landfill area.